

Code: APTI-H10V3-2812

AHD, HD-CVI, HD-TVI, PAL VANDALPROOF CAMERA APTI-H10V3-2812 - 720p 2.8 ... 12 mm Net: 30.33 EUR Gross: 30.33 EUR

Megapixel camera with 1/4" CMOS sensor and AHD / HD-CVI / HD-TVI / PAL.

The AHD / HD-CVI / HD-TVI interface allows to transmission of analog video signal via coaxial cable in 720p resolution. It enables the transmission of HD resolution images for even 500 m distance with keeping the low costs of the installation. During transmission there are no delays and is maintained the original, high quality image.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

In the case of video transmission using a twisted pair cable and matching transformers (balun), be aware of the possibility of signal reflections and interfering signals.

Setting the camera in PAL mode allows to obtain an image in 960H resolution. The appropriate signal format selection is done by tilting and holding the joystick for 5 s without entering to the OSD menu. Changing the signal to the NTSC in the camera causes loss of image in connected AHD recorder.



SPECIFICATION

Standard:	AHD, HD-CVI, HD-TVI, PAL
Sensor:	1/4 " OmniVision OV9732 CMOS
Digital Image Processor:	HTC960E
Matrix size:	1.0 Mpx
Resolution:	1280 x 720 - 720p, AHD-M, HD-CVI, HD-TVI , 960 x 576 - 960H, PAL
Range of IR illumination:	30 m
IR illuminator power adjustment:	Automatic
Lens:	2.8 ... 12 mm, 2 Mpx
View angle:	• 65 ° ... 21 ° (manufacturer data) • 61 ° ... 23 ° (our tests result)
S/N ratio:	> 50 dB
Video output:	1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / PAL - selectable by switch
Main features:	• ICR - Movable InfraRed filter • D-WDR - Wide Dynamic Range • DNR - Digital Noise Reduction • AGC - Automatic Gain Control • Sharpness - sharper image outlines • White Balance - ATW/Manual • Day/Night mode (color/b&w/auto) • BLC - Back Light Compensation
OSD menu:	✓

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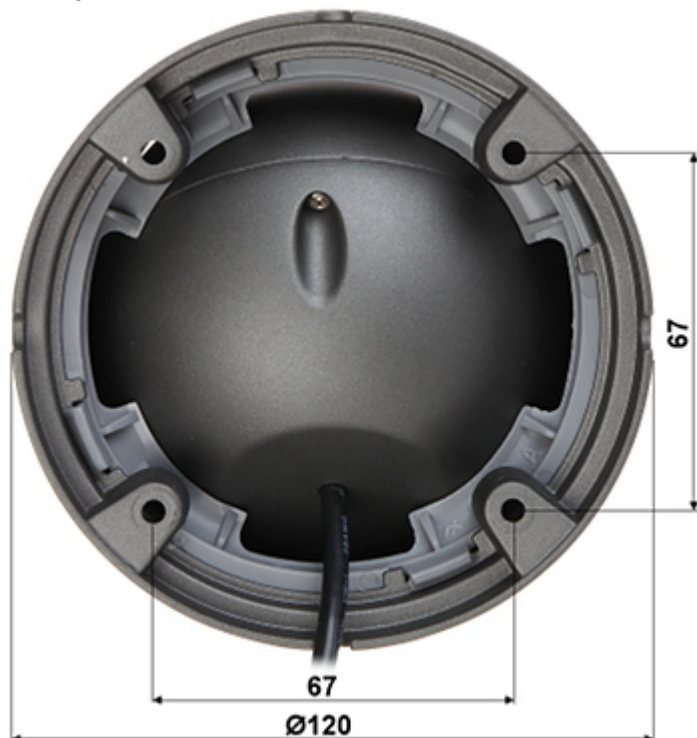
Power supply:	12 V DC / 380 mA
Power consumption:	≤ 4.5 W
Housing:	Dome - Metal
Color:	Graphite
Vandal-proof:	✓
"Index of Protection":	IP66
Operation temp:	-10 °C ... 50 °C
Weight:	0.62 kg
Dimensions:	Ø 120 x 83 mm
Supported languages:	English, Chinese Traditional, Chinese Simplified, French, Greek, Spanish, Korean, Portuguese, Russian, Italian
Manufacturer / Brand:	APTI
Guarantee:	2 years

PRESENTATION

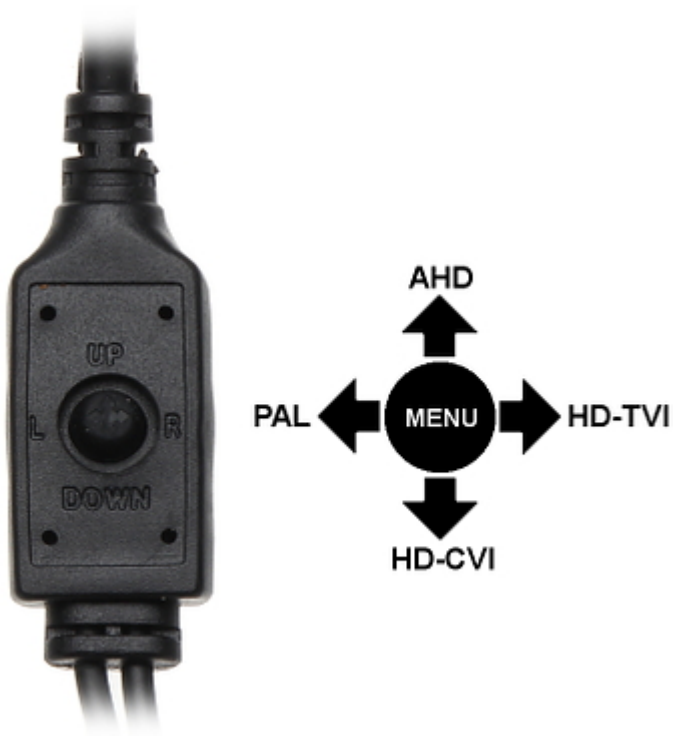
Camera is out from clamping ring (the OSD menu controller visible):



Mounting side view:



The appropriate signal format selection is done by tilting and holding the joystick for 5 s without entering to the OSD menu. Changing the signal to the NTSC in the camera causes loss of image in connected AHD recorder:



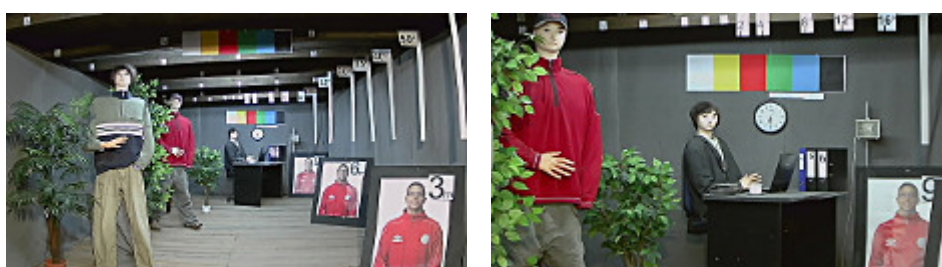
In the kit:



OUR TESTS

AHD:

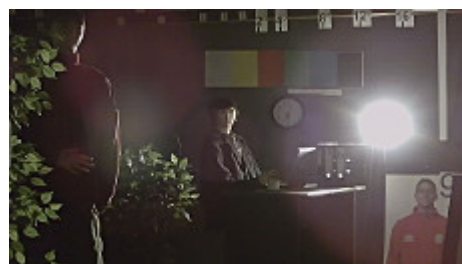
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:

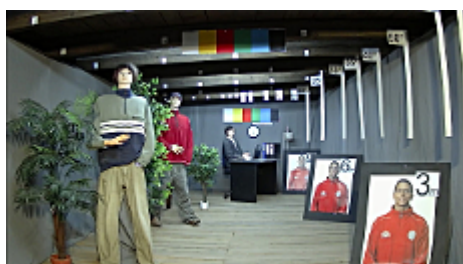


Camera image at direct strong light opposite to camera:



HD-CVI:

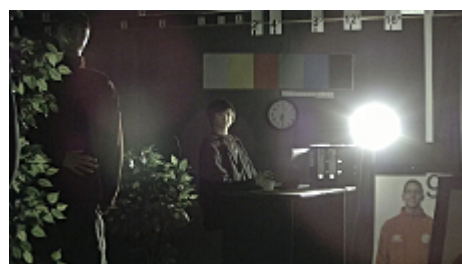
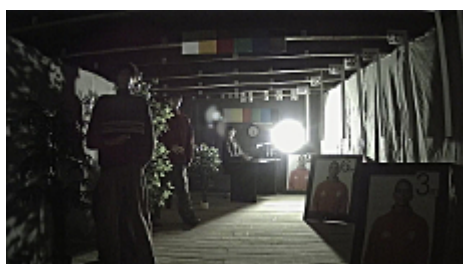
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:

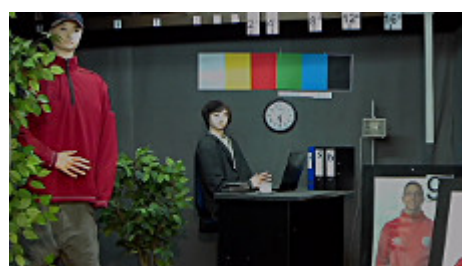
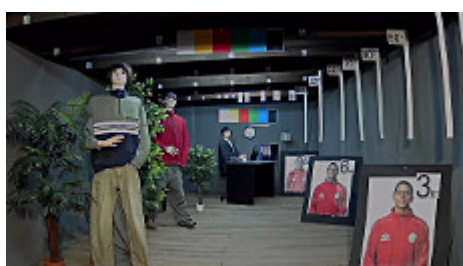


Camera image at direct strong light opposite to camera:

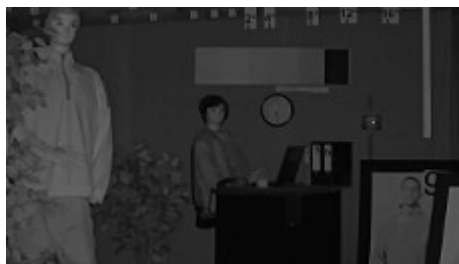


HD-TVI:

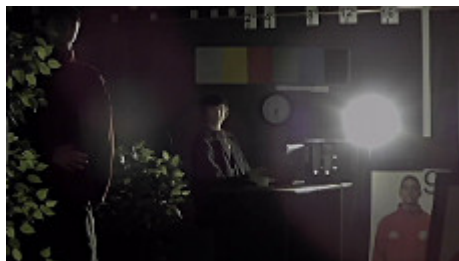
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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